

PATENT ABSTRACTS OF JAPAN

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(54) IMAGE ENCODER AND DECODER

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the encoding accuracy of an image encoder by compensating the movement of an input image by making reference to the locally decoded images which are stored in the 1st and 2nd storage means.

SOLUTION: When an error image Gg is outputted from an inverse conversion part 6, an adder 7 adds an estimated image Ge to the image Gg to generate and output a locally encoded image Gk. The image Gk outputted from the adder 7 is immediately stored in an STFM(short time frame memory) 11. However, the image Gk is not immediately stored in an LTFM(long time frame memory) 13 and then stored after a prescribed time. Thus the image Gk is stored in both STMF 11 and LTFM 13 respectively as the reference images. Then a block base estimation part 14 and a segment base estimation part 15 decides the images Ge, etc., based on the images Gk.

